

CATALOGUE OF PAPERS AND WORKS RELATING TO  
THE MAMMALIAN ORDERS, MARSUPIALIA AND  
MONOTREMATA. -

COMPILED BY J. J. FLETCHER, M.A., B.Sc.

The following list of papers is an attempt to do for students interested in the study of the Marsupialia (including the Didelphidæ) and the Monotremata, what Messrs. Etheridge and Jack's Catalogue, recently republished in this colony, has done for students of Australian Geology and Palæontology. It was compiled in the first instance for private use, and with the resources of the British Museum Library at hand. In these days, when the Bibliography of Comparative Anatomy and Zoology and allied branches has reached such formidable proportions, it is a task involving some labour to get an accurate idea of what has been done in connection with any important orders, without the aid derivable from Catalogues. Much more is this the case in the Colonies, where even the best of our libraries contain, as yet, but imperfect collections of the publications relating to the Australian Fauna in general, and to the mammalian section of it in particular. Imperfect as this Catalogue doubtless is, it is hoped that it may be of sufficient use to Australian students to justify its publication.

Meckel in his classical monograph (1826) gives a bibliography for the Monotremata, and this was subsequently amplified by Strauch in his Dissertation (1859). Both these works, however, are now out of print, and but few copies have found their way to Australia, and moreover, many papers have been published during the last twenty-five years. Incomplete lists of Papers relating to the Marsupialia will be found appended to some of the memoirs, but nothing like a complete list has hitherto been published.

In the following Catalogue the effort has been made to include the references to all the new species which have been described since the appearance of the works of Messrs. Waterhouse and Gould. To have included all the references to earlier descriptions was unnecessary because they are to be found in one or both of these monographs, and in many cases the original descriptions consist of but a few brief sentences in anticipation of subsequent more complete accounts. Where anatomical or other important details are included, the references are given as far as has been possible. References to Papers dealing with Palæontology are not included if they are to be found in the Catalogue of Messrs. Etheridge and Jack. Doubtless some important Papers have been overlooked, as also have many which contain important allusions to Marsupials and Monotremes, but to which the titles of the Papers give no clue. Of such papers in most cases there are no copies at present to be consulted in any of our libraries.

There are many gaps in our knowledge of Australian Marsupials even apart from their embryology, of which, with his known ability and with the resources at his command, we may hope very shortly to have a good account from Mr. Caldwell. At present we know almost, if not absolutely, nothing of the soft parts of many highly interesting forms such as *Chæropus*, *Myrmecobius*, *Hypsiprymnodon*, and *Tarsipes*, yet, with the exception of Mr. Ramsay's interesting genus, the most recently described of them has been known to science for more than forty years.

These rare animals are not likely to become more numerous now that the interior parts of the colonies are every year becoming more settled. Surely before they become extinct some special efforts might be made to obtain specimens of these animals with a view to the description of something more than skins and bones, which is all we have at present. Of the smaller *Dasyuridæ* too, such as *Antechinus*, *Chætocercus*, and *Podabrus*, our anatomical knowledge is very meagre, Mr. Alston's brief but valuable notes on *Antechinomys*, with woodcuts of the stomach and liver being the only special paper and illustrations, which deal with this section, and with a few stray allusions elsewhere, comprising about all that is

known of the soft parts. Among the smaller Phalangians, *Dromicia* and *Dactylopsila* for example, yet await the description of their soft parts. True it is that some of these forms may not yield any very striking results, nevertheless it would be satisfactory to know something more of them than is known at present.

In conclusion, I beg to acknowledge my indebtedness to the Royal Society's (London) Catalogue, to Carus and Engelmann's *Bibliotheca Zoologica*, to the *Zoological Record*, to the *Zoologischer Anzeiger* and to many other works. I have also to thank Hon. W. Macleay, Mr. Haswell, and Mr. Ramsay for the opportunity of consulting books, and Baron Maclay for the correct titles of several Papers.

NOTE.—References to Papers not dealing exclusively with Marsupials and Monotremes will be found chiefly under the headings Myology, Osteology, &c. In a few cases in which the title is in brackets, it means that the compiler, not having seen the paper, was unable to give the exact title.

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## ERRATA.

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PROFESSOR BELL'S PAPER. Page 496.

- Page 497, line 24—for "CENIOIDEA," read CRINOIDEA.  
,, ,, line 27—for "mauronema," read *macronema*.  
,, 498, line 2—from bottom of page ; for "Gunnu," read *Gunnü*.  
,, 499, line 9—Sp. 12 ; for "Actaster," read *Retaster*.  
,, ,, line 21—Sp. 3 ; for "marmoratu," read *marmorata*.  
,, ,, line 23—Sp. 4 ; for "Ophioflocus," read *Ophioplocus*.  
,, ,, line 25—Sp. 5 ; for "multispira," read *multispina*.  
,, 500, line 5—Sp. 9 ; for "scolopendima," read *scolopendina*.  
,, ,, line 17—Sp. 15 ; for "cocspitora," read *caespitosa*.  
,, ,, line 25—for "sho," read *should*.  
,, 501, line 13—Sp. 2 ; for "tenuispinus," read *tenuispinus*.  
,, 502, line 1—Sp. 10 "S.," read *Salmacis*.  
,, ,, line 13—Sp. 16 ; for "S.," read *Strongylocentrotus*.  
,, ,, line 21—Sp. 20 ; for "mammelatus," read *mammillatus*.  
,, 505, line 8—from the bottom of the page, for *erythrogrammus*, read  
"erythrogrammus."  
,, 506, line 4—from the bottom, for "Vile," read *Vile*.



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(Original description and figure.)

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\* For letters on the distribution, &c., of Monotremes, in answer to a remark in this article, see *Nature* of the following dates:—(W. E. A.), September 13th, 1877, Vol. XVI., p. 420; (P. L. S.), *Ibid.*, p. 439 (Bennett), *Ibid.*, pp. 475-476; (E. P. R.), *Ibid.*, Vol. XVII., 1878, March pp. 401-402; (W. E. A.), *Ibid.*, Vol. XVIII., August 28th, p. 464.